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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/656,335	09/08/2003	Kang Soo Seo	1740-000050/US	1951
30593 7590 06/02/2008 HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910 RESTON, VA 20195				
EXAMINER				
WENDMAGEGN, GIRMSEW				
ART UNIT		PAPER NUMBER		
2621				
MAIL DATE		DELIVERY MODE		
06/02/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/656,335

Applicant(s)

SEO ET AL.

Examiner

GIRUMSEW WENDMAGEGN

Art Unit

2621

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 January 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 2, 4, 6-9, 11, 12, 14, 16 and 18-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 4, 6-9, 11, 12, 14, 16 and 18-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 1/22/08; 4/9/08; 4/29/08
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claim **1-2, 4, 6-9, 11-12, 14, 16, 18-20** have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1-2, 4, 6, 8-9, 11-12, 14, 16, 18-40 is rejected under 35 U.S.C. 102(b) as being anticipated by Murase et al (Patent No US 6,285,826).

Regarding claim **1, 19, 20**, Murase et al (hereinafter Murase) anticipates a computer readable medium having a data structure for managing reproduction of at least still images, comprising: a first navigation file including first navigation information, the first navigation information indicating an in-point and an out-point of a clip file, which includes video data, to display as a still image (see column 24 line 9-27) and a duration to display the still image (see figure 3, figure 4, figure 6 Still_TM(duration)) and column 10 line 43-44); and a second navigation file including mapping information between a presentation time and the clip file (see column 9 line 52-53 and figure 15 TMAPI).

Regarding claim2, 31, 36, Murase anticipates the medium of claim 1, comprising: wherein the first navigation file is a playlist file, the playlist file including a playitem, the playitem includes the first navigation information (see figure4 playlist).

Regarding claim4, 22,27,32,37, Murase anticipates the medium of claim 2, wherein the playitem includes an indicator indicating whether to display a still image (see figure30 C_TY, figure41 playlist).

Regarding claim6, Murase anticipates the computer-readable medium of claim 2, wherein the second navigation files is a clip information file (see figure4) and the playitem includes an indicator indicating a file name of a clip information file associated with the clip file (see column21 line 28-31).

Regarding claim8, Murase anticipates the computer-readable recording medium of claim 2, wherein the playlist file further includes at least one playlist mark pointing to the still image in the clip file (see column24 line 9-27).

Regarding claim9, Murase anticipates the medium of claim1, wherein tile first navigation file is a playlist file and the playlist file includes a sub-playitem, and the sub-playitem includes the first navigation information (see figure4 playlist).

Regarding claim12, Murase anticipates the computer-readable medium of claim 9, wherein the first navigation information indicates a length of time to display the still image when the first navigation information indicates to display the still image for a finite period of time (see figure6 Still_TM(duration)).

Regarding claim14, 35, 40, Murase anticipates the medium of claim1, wherein of the clip file includes at least one of an I picture, B picture and P picture, and wherein the first navigation file indicates to display the at least one of the I picture, B picture and P picture in the clip file as the still image (see column3 line8-15).

Regarding claim11, 33,34, 38, 39, Murase anticipates the medium of claim 1, wherein the first navigation information indicates whether to display the still image for one of a finite and an infinite period of time (see figure6 Still_TM(duration)).

Regarding claim16,18, Murase anticipates a method of reproducing still images from a recording medium, comprising: reproducing a first navigation file and a second navigation file (see column24 line 28-32), the first navigation file including first navigation information, the first navigation information indicating in-point and an out-point of a clip file, which includes video data, to display as a still image (see column24 line 9-27) and a duration to display the still image (column10 line 43-44), the second navigation file including mapping information between a presentation time and the clip file; and reproducing a still image from the clip file recorded on the recording medium

based on the reproduced first and second navigation files (see column9 line 52-53 and figure15 TMAPI).

Regarding claim21,26, Murase anticipates the method of claim 16, wherein the first navigation file is a playlist file, and the playlist file includes a playitem, and the playitem includes the first navigation information (see figure 4 playlist).

Regarding claim23,28 , Murase anticipates the method of claim 16, wherein the first navigation information indicates whether to display the still image for one of a finite and an infinite time period (see figure6 Still_TM(duration)).

Regarding claim24,29 , Murase anticipates the method of claim 16, wherein the first navigation information indicates a length of time to display the still image when the first navigation information indicates to display the still image for a finite period of time (see figure6 Still_TM(duration)).

Regarding claim25, 30, Murase anticipates the method of claim 16, wherein the clip file having video data includes at least one of an I picture, B picture, and P picture, and wherein the first navigation file indicates to display the at least one of an I picture, B picture, and P picture in the clip file as the Still image (see column3 line8-15).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murase et al (Patent No US 6,285,826) as applied to claim 1-2, 4, 6, 8-9, 11-12, 14, 16, 18-40 above, and further in view of Kato et al (Pub No Us 2002/0145702)

Regarding claim7, see the teaching of Murase above. Murase does not teach a indicator indicating an STC id .However (Kato et al hereinafter Kato) teaches indicator indicating STC id (see figure32 STC_seq_id).

One of ordinary skill in the art at the time the invention was made would have been motivated to incorporate STC id of Kato in Murase because start time and an end time of the PlayItem can be set uniquely.

Therefore, the invention as a whole would have been prima facie obvious to one of ordinary skill in the art at the time the invention was made, absent unexpected results to the contrary.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GIRUMSEW WENDMAGEGN whose telephone number

is (571)270-1118. The examiner can normally be reached on 7:30-5:00, M-F, all Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tran Thai can be reached on (571)272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Girumsew Wendmagegn/
Examiner, Art Unit 2621

/Thai Tran/

Supervisory Patent Examiner, Art Unit 2621

